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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed May 30 14:10:29 EDT 2007

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Application No: 10523400

Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-25 20:44:44.800
Finished: 2007-05-25 20:44:55.349
Elapsed: 0 hr(s) 0 min(s) 10 sec(s) 549 ms
Total Warnings: 121
Total Errors: 223
No. of SeqIDs Defined: 124
Actual SeqID Count: 124

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)

Input Set:

Output Set:

Started: 2007-05-25 20:44:44.800
Finished: 2007-05-25 20:44:55.349
Elapsed: 0 hr(s) 0 min(s) 10 sec(s) 549 ms
Total Warnings: 121
Total Errors: 223
No. of SeqIDs Defined: 124
Actual SeqID Count: 124

Error code	Error Description
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 257	Invalid sequence data feature in <221> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 257	Invalid sequence data feature in <221> in SEQ ID (15)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)

Input Set:

Output Set:

Started: 2007-05-25 20:44:44.800
Finished: 2007-05-25 20:44:55.349
Elapsed: 0 hr(s) 0 min(s) 10 sec(s) 549 ms
Total Warnings: 121
Total Errors: 223
No. of SeqIDs Defined: 124
Actual SeqID Count: 124

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 257	Invalid sequence data feature in <221> in SEQ ID (16)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 257	Invalid sequence data feature in <221> in SEQ ID (17)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 257	Invalid sequence data feature in <221> in SEQ ID (18)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
E 257	Invalid sequence data feature in <221> in SEQ ID (20)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
E 257	Invalid sequence data feature in <221> in SEQ ID (21)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)

Input Set:

Output Set:

Started: 2007-05-25 20:44:44.800
Finished: 2007-05-25 20:44:55.349
Elapsed: 0 hr(s) 0 min(s) 10 sec(s) 549 ms
Total Warnings: 121
Total Errors: 223
No. of SeqIDs Defined: 124
Actual SeqID Count: 124

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (22)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23) This error has occurred more than 20 times, will not be displayed
E 257	Invalid sequence data feature in <221> in SEQ ID (23) This error has occurred more than 20 times, will not be displayed
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (23) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Bernard Pau

<120> Specific antibodies for diagnosing heart failure

<130> P70365US0

<140> 10523400

<141> 2007-05-25

<150> US 10/523,400

<151> 2005-02-03

<150> PCT/FR03/02483

<151> 2003-08-07

<150> FR 0210063

<151> 2002-08-07

<160> 124

<170> PatentIn version 3.1

<210> 1

<211> 108

<212> PRT

<213> Homo sapiens : proBNP(1-108)

<400> 1

His Pro Leu Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly
1 5 10 15

Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln
20 25 30

Val Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr
35 40 45

Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly His
50 55 60

Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met
65 70 75 80

Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser
85 90 95

Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
100 105

<210> 2
<211> 32
<212> PRT
<213> Homo sapiens : proBNP(77-108)

<400> 2

Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp
1 5 10 15

Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
20 25 30

<210> 3
<211> 76
<212> PRT
<213> Homo sapiens : proBNP(1-76)

<400> 3

His Pro Leu Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly
1 5 10 15

Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln
20 25 30

Val Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr
35 40 45

Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly His
50 55 60

Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg
65 70 75

<210> 4
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 4

Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly
1 5 10 15

<210> 5

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 5

Arg Ala Pro Arg Ser Pro
1 5

<210> 6

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 6

Cys Gly Arg Ala Pro Arg Ser Pro
1 5

<210> 7

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 7

Cys Gly Arg Ala Pro Arg Ser Pro
1 5

<210> 8
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 8

Cys Gly Arg Ala Pro Arg Ser Pro Lys
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 9

Cys Gly Arg Ala Pro Arg Ser Pro Lys
1 5

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 10

Cys Gly Arg Ala Pro Arg Ser Pro Lys Met Val
1 5 10

<210> 11

<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 11

Cys Gly Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly
1 5 10 15

<210> 12

<211> 8

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 12

Arg Ala Pro Arg Ser Pro Gly Cys
1 5

<210> 13

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 13

Arg Ala Pro Arg Ser Pro Gly Cys
1 5

<210> 14

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 14

Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys
1 5 10

<210> 15

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 15

Cys His Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro
1 5 10 15

Lys

<210> 16

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 16

Cys	Tyr	Thr	Leu	Arg	Ala	Pro	Arg	Ser	Pro	Lys	Met	Val	Gln	Gly	Ser
1				5					10					15	

Gly

<210> 17

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 17

Cys	Phe	Thr	Leu	Arg	Ala	Pro	Arg	Ser	Pro	Lys	Met	Val	Gln	Gly	Ser
1				5					10					15	

Gly

<210> 18

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 18

Cys Phe Ser Ile Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
1 5 10 15

Gly

<210> 19

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (17)..(17)

<223> chemically synthesized

<400> 19

Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
1 5 10 15

Ala

<210> 20

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (17)..(17)

<223> chemically synthesized

<400> 20

Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Ala Thr
1 5 10 15

Ala

<210> 21

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (17)..(17)

<223> chemically synthesized

<400> 21

Cys Phe Ser Ile Arg Ala Pro Arg Ser Pro Lys Met Val Gln Ala Thr
1 5 10 15

Ala

<210> 22

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 22

Cys Phe Ser Ile Arg Ala Pro Arg Ser Pro Ala Leu Ala Ser Gly Thr
1 5 10 15

Ala

<210> 23

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 23

His Pro Leu Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser
1 5 10 15

<210> 24

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 24

Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln
1 5 10 15

<210> 25

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 25

Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg
1 5 10 15

<210> 26

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 26

Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn His Leu
1 5 10 15

<210> 27

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 27

Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys
1 5 10 15

<210> 28

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 28

Gly Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu
1 5 10 15

<210> 29

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 29

Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val
1 5 10 15

<210> 30

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 30

Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr
1 5 10 15

<210> 31

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 31

Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu Glu
1 5 10 15

<210> 32

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 32

Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu Glu Pro Leu Gln
1 5 10 15

<210> 33

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 33

Leu Gln Val Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro
1 5 10 15

<210> 34

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 34

Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr
1 5 10 15

<210> 35

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 35

Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp
1 5 10 15

<210> 36

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 36

Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg
1 5 10 15

<210> 37

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 37

Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg Glu Val Ala
1 5 10 15

<210> 38

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 38

Arg Pro Thr Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly
1 5 10 15

<210> 39

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 39

Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly
1 5 10 15

<210> 40

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)
<223> chemically synthesized

<400> 40

Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys
1 5 10 15

<210> 41

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 41

Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu
1 5 10 15

<210> 42

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(1)
<223> chemically synthesized

<400> 42

Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr Thr Leu
1 5 10 15

<210> 43

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 43

Ile Arg Gly His Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro
1 5 10 15

<210> 44

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 44

His Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro
1 5 10 15

<210> 45

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 45

Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val
1 5 10 15

<210> 46

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 46

Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
1 5 10 15

<210> 47

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 47

Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe
1 5 10 15

<210> 48

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 48

Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys
1 5 10 15

<210> 49

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 49

Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg
1 5 10 15

<210> 50

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 50

Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser
1 5 10 15

<210> 51

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 51

Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly
1 5 10 15

<210> 52

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 52

Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys
1 5 10 15

<210> 53

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 53

Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys Val Leu
1 5 10 15

<210> 54

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 54

Ile	Ser	Ser	Ser	Ser	Gly	Leu	Gly	Cys	Lys	Val	Leu	Arg	Arg	His
1				5					10					15

<210> 55

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 55

Ala	Thr	Leu	Arg	Ala	Pro	Arg	Ser	Pro	Lys	Met	Val	Gln	Gly	Ser
1				5					10					15

<210> 56

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 56

Tyr Ala Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
1 5 10 15

<210> 57

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (1)..(1)

<223> chemically synthesized

<400> 57

Tyr Thr Ala Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
1 5 10 15

<210> 5